

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the present application:

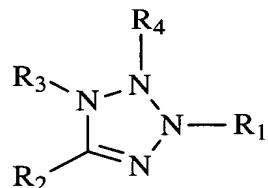
Listing of Claims:

Claims 1-7 (cancelled)

Claim 8 (original) A molecular system configured between a pair of electrodes, said molecular system including at least one organic non-polymeric molecule that changes color when oxidized or reduced by an electric current.

Claim 9 (original) The molecular system of Claim 8 wherein said organic non-polymeric molecule comprises a substituted tetrazole.

Claim 10 (original) The molecular system of Claim 9 wherein said substituted tetrazole is represented by the formula

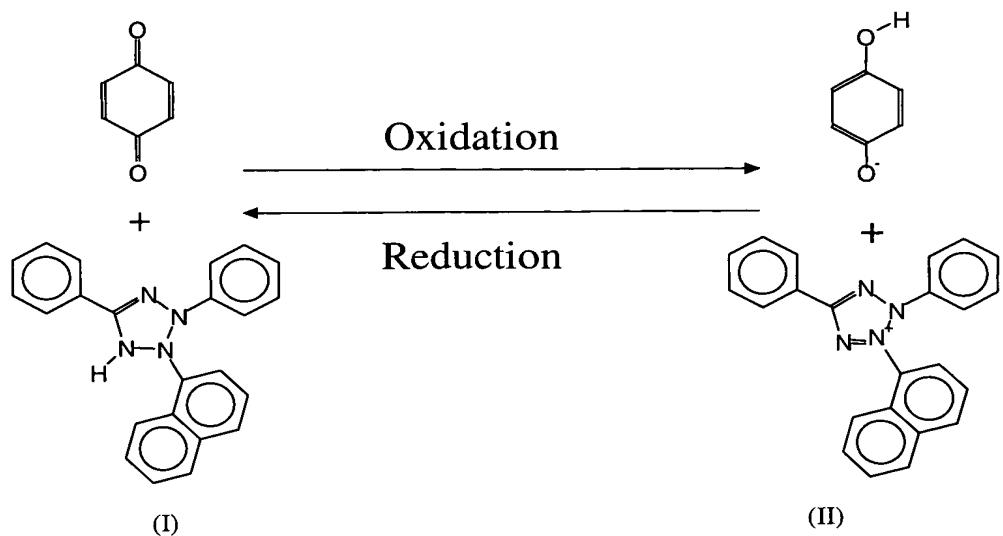


where R₁, R₂, R₃, and R₄ are independently H, alkyls, or aryls and the ring carbon is in the 3-position.

Claim 11 (original) The molecular system of Claim 10 wherein any two of R₁, R₂, R₃, and R₄ are alkyls and/or aryls, and the remainder hydrogen.

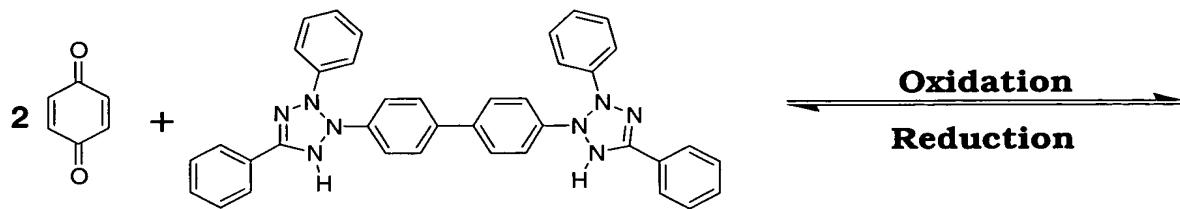
Claim 12 (original) The molecular system of Claim 10 wherein the ring carbon is in the 2-position.

Claim 13 (original) The molecular system of Claim 10 wherein said molecular system comprises:

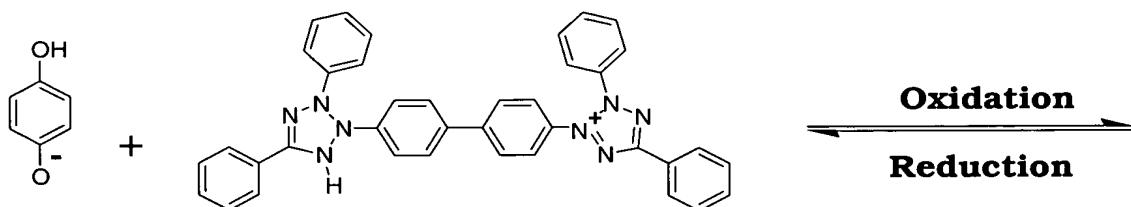


wherein (I) is purple and has a $\Delta E_{\text{HOMO/LUMO}} = 2 \text{ eV}$ and wherein (II) is colorless and has a $\Delta E_{\text{HOMO/LUMO}} > 3.5 \text{ eV}$.

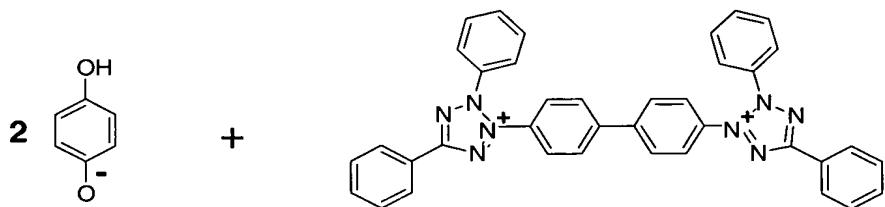
Claim 14 (original) The molecular system of Claim 10 wherein said molecular system comprises:



Blue ΔE (HOMO/LUMO) = 1.85 eV



Magenta ΔE (HOMO/LUMO) = 2.35 eV



Colorless ΔE (HOMO/LUMO) > 3.5 eV

wherein (III) is blue and as a $\Delta E_{\text{HOMO/LUMO}} = 1.85$ eV, wherein (IV) is magenta and has a $\Delta E_{\text{HOMO/LUMO}} = 2.35$ eV, and wherein (V) is colorless and has a $\Delta E_{\text{HOMO/LUMO}} > 3.5$ eV.